

ATVI 2180

PTZ DUAL LENS CAMERA WITH EDUCATION MODE TRACKING

Professional education camera with advanced algorithm for speaker detection within defined zone.



TECHNICAL DATASHEET

FEATURE	SPECIFICATIONS
Superb High-definition Image	AT2180 employs 1/2.8 inch high quality CMOS sensor.Resolution is up to 1920x1080 with frame rate up to 60 fps
Leading Focus Technology	Leading auto focus algorithm makes lens a fast,accurate and stable auto-focusing
Audio Input Interface	Support 8000 16000,32000,44100,48000 sampling frequency and AAC,MP3,PCM audio coding.
Low-power Sleep Function	Support low-power sleep/wake up, the consumption is lower than 400mW under sleep mode
Wide-range, Quiet and Quick Pan/Tilt Mechanism	By adopting step driving motor mechanism, AT2180 camera works extremely quiet and moves smoothly without any noises.
Multiple Network Protocol	Support ONVIF,RTSP,RTMP protocols and support RTMP push mode.
Multiple Video Compression	Support H.264/H.264+ video compression. Support compression of resolution up to 1920x1080 with frame up to 60 fps and 2 channels 1920x1080p with 30 fps compression.
Low Noise and High SNR	Low Noise CMOS effectively ensure high SNR of camera video.Advanced 2D/3D noise reduction technology is used to further reduce the noise, while ensuring image sharpness.



TECHNICAL DATASHEET

FEATURE	SPECIFICATIONS	
Parameters/Model	AT2180-12X	AT2180-20X
Tracking Camera and Lens Parameter		
Sensor	1/2.8 inch high quality HD CMOS sensor	
Effective Pixels	2.07 megapixel; 16:9	
Video Signals	1080P60/50/30/25/59.94/29.97 ,1080I60/50/59.94,720P60/50/30/25 / 59.94 /2 9.97	
Optical Zoom	12x optical zoom f=3.9~ 46.1mm	20x optical zoom f=4.7~ 94mm
View Angle	6.3°(tele)~72.5°(wide)	2.9°(tele)~60.7°(wide)
Iris	F1.8 ~ F2.4	F1.6 ~ F3.5
Digital Zoom	X10	
Minimum Illumination	0.5Lux(F1.8, AGC ON)	
Digital Noise Reduction	2D & 3D digital noise reduction	
White Balance	Manual/Auto/One Push/ 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K	
Focus	Auto/Manual/One Push	
Aperture	Auto/Manual	
Electronic Shutter	Auto/Manual	
BLC	ON/OFF	
WDR	OFF/Dynamic Range adjustment	
Video Adjustment	Brightness,Color,Saturation,Contrast,Sharpness,Gamma curve	
SNR	>55dB	
Panoramic Camera		
Sensor	1/3 inch high quality HD CMOS sensor	
Effective Pixels	2.1 megapixel	
Lens	Manual Focus	
4mm Lens View Angle(D/H/V)	89.6°\71°\52.2°	
6mm Lens View Angle(D/H/V)	67.0°\59°\32.5°	
2.8mm Lens View Angle(D/H/V)	125° \100° \75°	
Input/Output Interface and Protocols		
	SDI model: 3G-SDI, LAN;	
Video Interface	HDMI U3 model: HDMI, USB3.0, LAN;	
Network Interface	100M network interface (10/100BASE-TX) 5G WiFi (optional) Support VISCA	